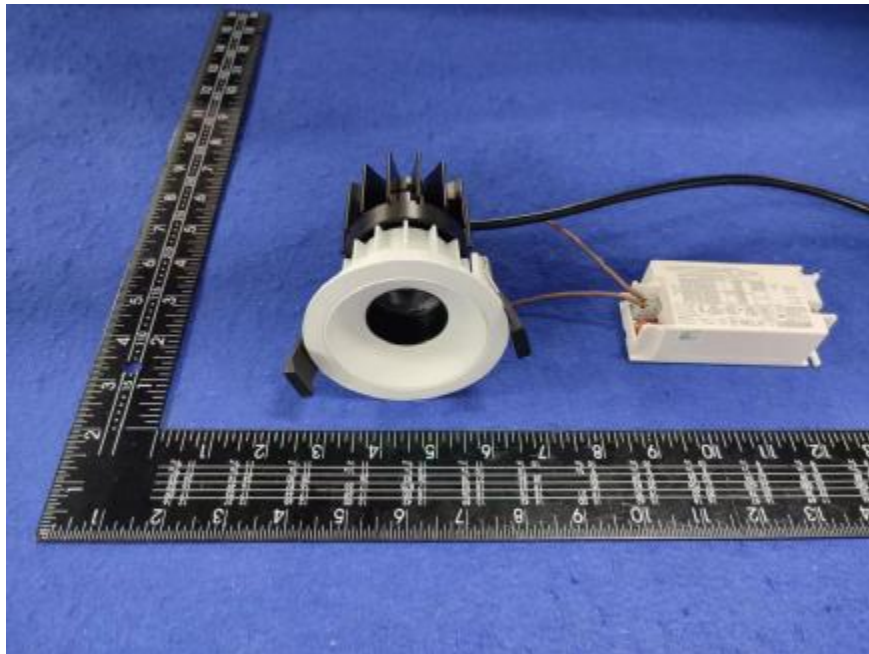


Luminaire Photograph



Light Output Ratio:	72.2%	
Luminaire Power:	13.85 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.70	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra:90
LENS: PM-1082B 36R
DRIVER: IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

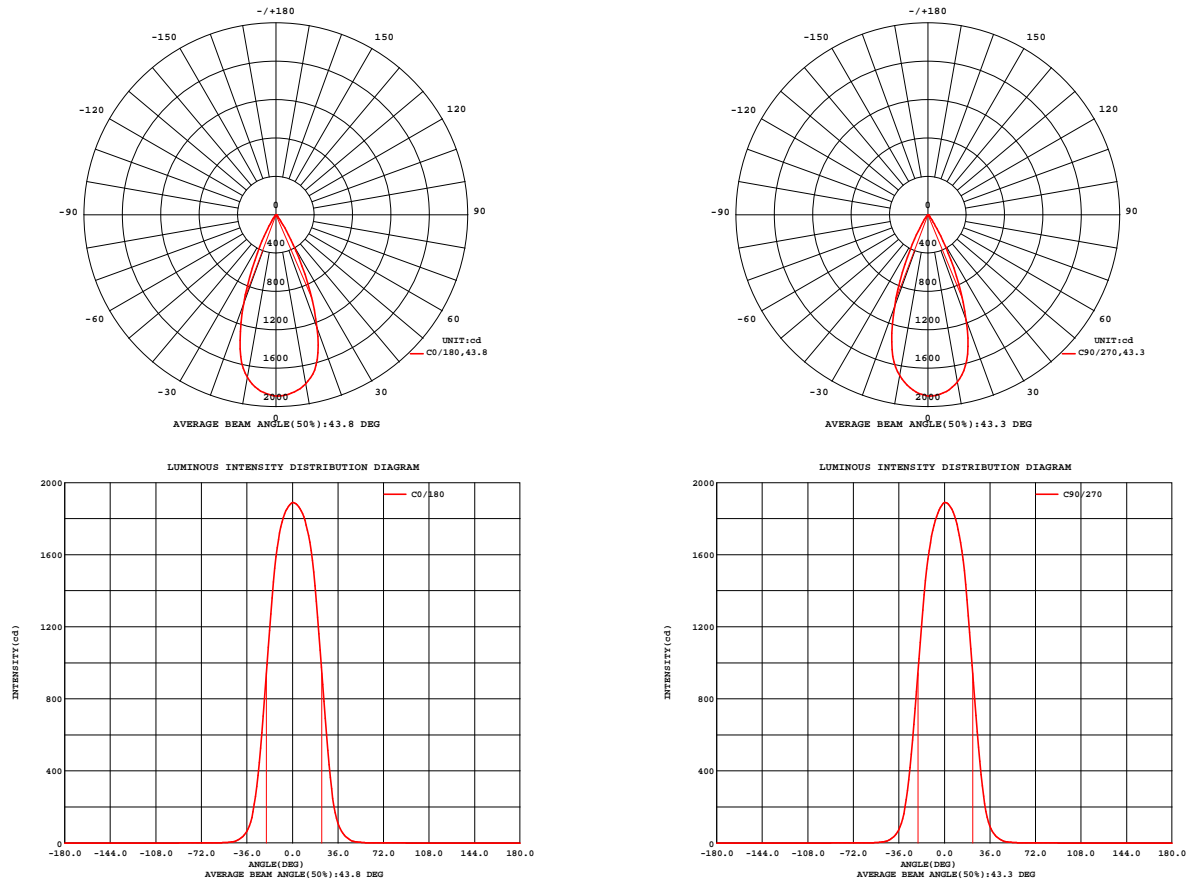


Fig. C0/C180

Fig. C90/C270

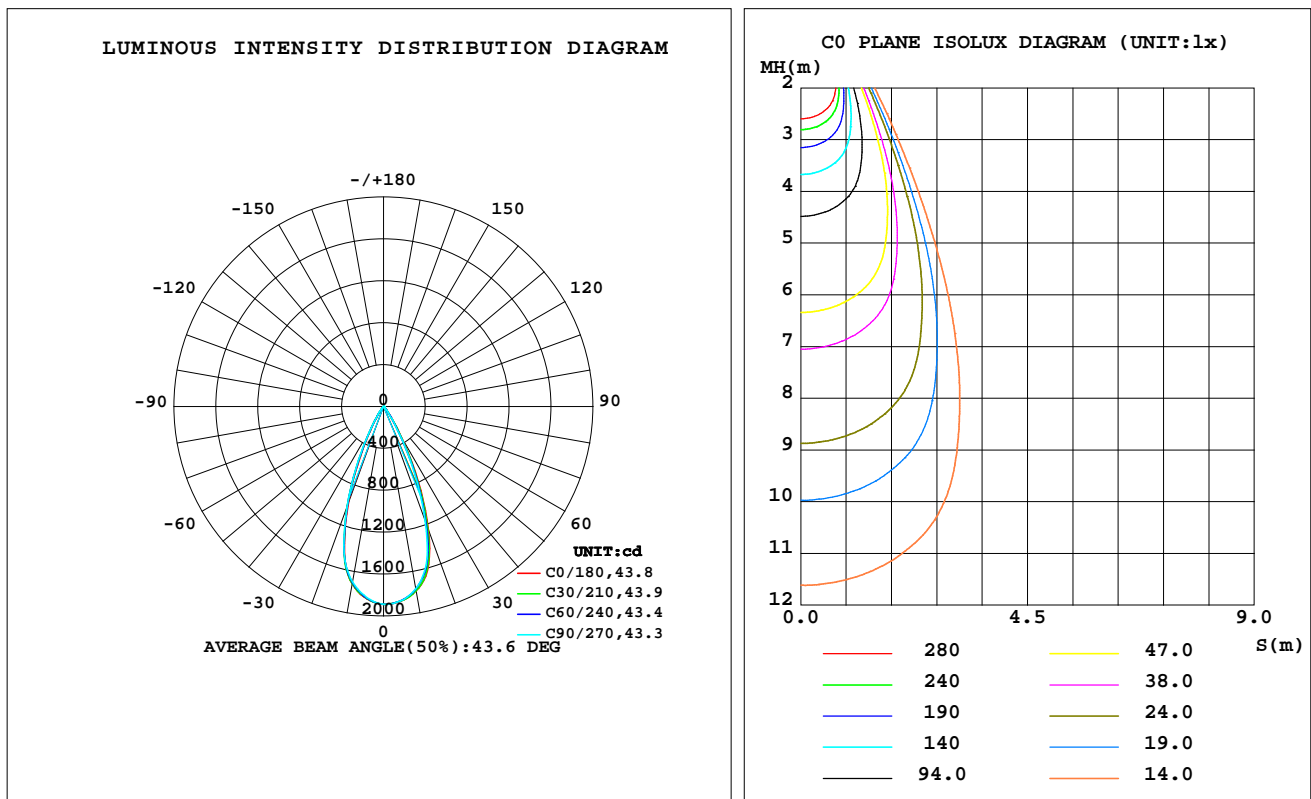
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra: 90
LENS: PM-1082B 36R
DRIVER: IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.14 lm/W			
MODEL	CITIZEN	Imax(cd)	1890	S/MH(C0/180)	0.63
NOMINAL POWER(W)	14	LOR(%)	72.2	S/MH(C90/270)	0.64
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	971.19	η UP,DN(C0-180)	0.0,37.9
NOMINAL FLUX(lm)	1345.45	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,34.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	72.2	CIBSE SHR MAX	0.70



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1789	1780	1768	1737	1721	1715	1703	1747	0- 10	173.4	173.4	17.9,12.9
20	1253	1214	1169	1080	990.0	1017	1023	1129	10- 20	412.0	585.4	60.3,43.5
30	363.5	337.3	316.3	269.7	215.6	233.1	241.4	287.8	20- 30	295.3	880.7	90.7,65.5
40	53.64	49.80	45.04	36.89	30.50	32.49	34.63	40.73	30- 40	74.80	955.5	98.4,71
50	6.761	6.417	5.852	3.832	4.098	4.226	4.656	5.736	40- 50	12.92	968.4	99.7,72
60	1.038	1.069	0.9544	0.6003	0.7191	0.6665	0.7125	0.8625	50- 60	2.226	970.7	99.9,72.1
70	0.2109	0.2186	0.1653	0.1057	0.1529	0.1269	0.1402	0.1866	60- 70	0.4104	971.1	100,72.2
80	0.0494	0.0431	0.0310	0.0419	0.0422	0.0341	0.0398	0.0653	70- 80	0.0835	971.2	100,72.2
90	0	0	0	0	0	0	0	0	80- 90	0.0338	971.2	100,72.2
100	0	0	0	0	0	0	0	0	90-100	0	971.2	100,72.2
110	0	0	0	0	0	0	0	0	100-110	0	971.2	100,72.2
120	0	0	0	0	0	0	0	0	110-120	0	971.2	100,72.2
130	0	0	0	0	0	0	0	0	120-130	0	971.2	100,72.2
140	0	0	0	0	0	0	0	0	130-140	0	971.2	100,72.2
150	0	0	0	0	0	0	0	0	140-150	0	971.2	100,72.2
160	0	0	0	0	0	0	0	0	150-160	0	971.2	100,72.2
170	0	0	0	0	0	0	0	0	160-170	0	971.2	100,72.2
180	0	0	0	0	0	0	0	0	170-180	0	971.2	100,72.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz
Lamp Flux:1345.45x1 lm

NAME: 2318.110-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

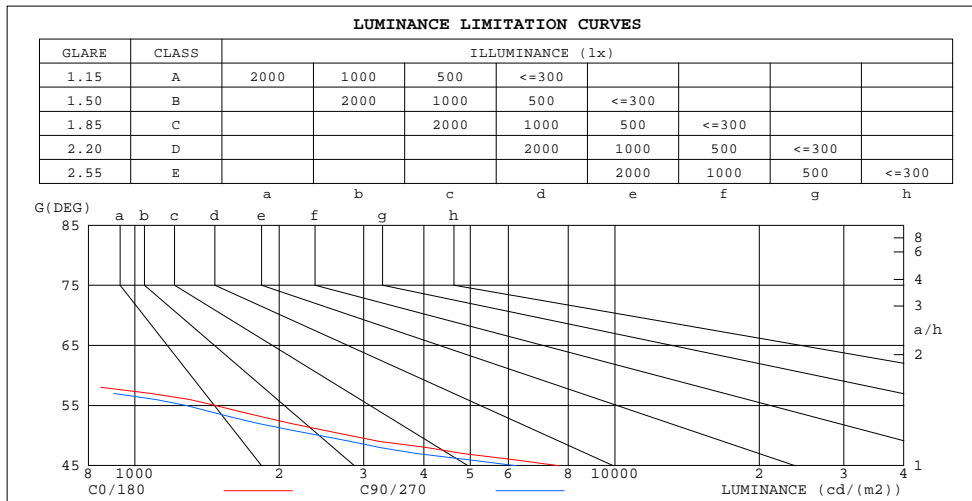
DIM.:

SERIAL No.: 2312041416

MFR.: RISE

SUR.: 0.003737385m2

Shielding Angle:



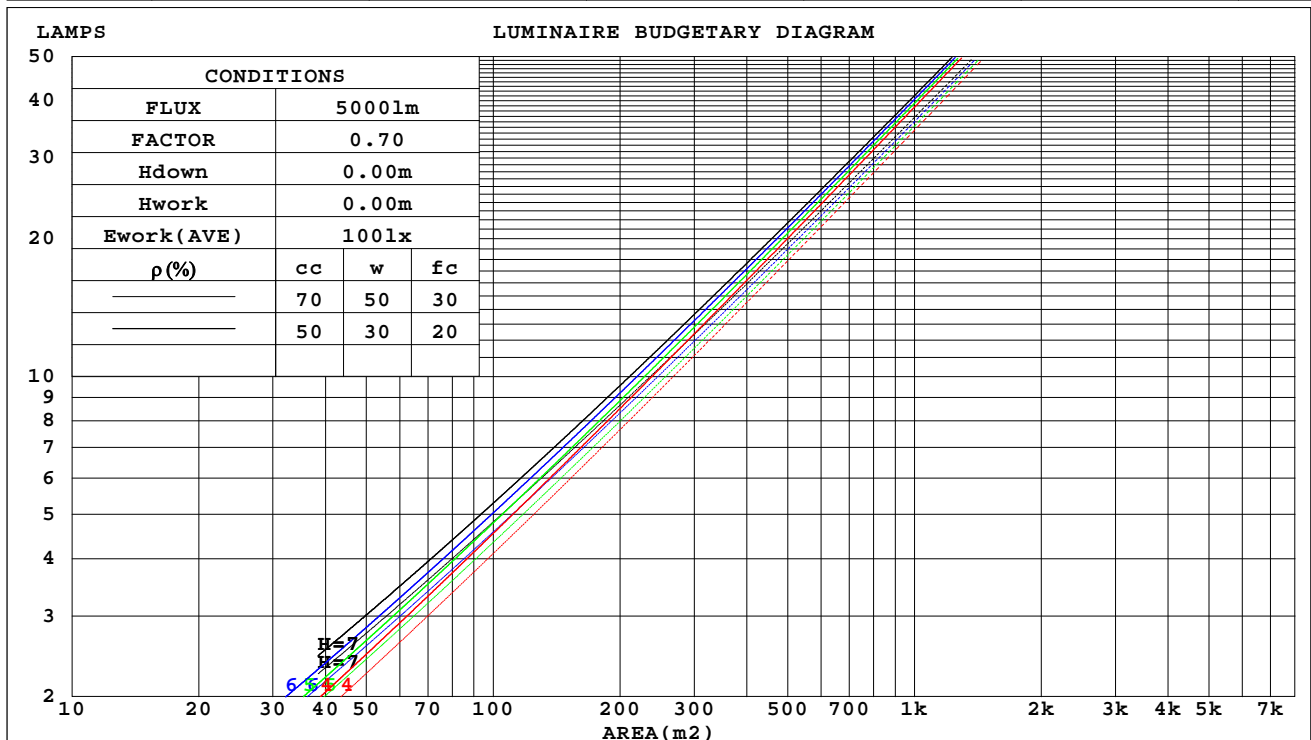
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	.86	.86	.86	.84	.84	.84	.80	.80	.80	.77	.77	.77	.74	.74	.74	.72
1.0	.81	.79	.78	.79	.78	.77	.76	.75	.74	.74	.73	.72	.71	.71	.70	.69
2.0	.76	.74	.72	.75	.73	.71	.73	.71	.69	.71	.69	.68	.69	.68	.67	.65
3.0	.72	.69	.67	.71	.68	.66	.69	.67	.65	.68	.66	.64	.66	.65	.63	.62
4.0	.69	.65	.63	.68	.65	.62	.66	.64	.62	.65	.63	.61	.64	.62	.60	.59
5.0	.65	.62	.59	.65	.61	.59	.63	.61	.58	.62	.60	.58	.61	.59	.57	.56
6.0	.62	.59	.56	.62	.58	.56	.61	.58	.55	.60	.57	.55	.59	.57	.55	.54
7.0	.59	.56	.53	.59	.56	.53	.58	.55	.53	.57	.55	.53	.57	.54	.52	.51
8.0	.57	.53	.51	.56	.53	.51	.56	.53	.50	.55	.52	.50	.54	.52	.50	.49
9.0	.54	.51	.49	.54	.51	.48	.54	.50	.48	.53	.50	.48	.52	.50	.48	.47
10.0	.52	.49	.46	.52	.49	.46	.51	.48	.46	.51	.48	.46	.50	.48	.46	.45



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2023-12-4

```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
          LENS:PM-1082B 36R
          DRIVER:IT FIT 20/220-240/500 CS 350mA
          30minutes warm-up

```

WEC AND CCEC

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.112	.063	.020	.107	.061	.019	.098	.056	.018	.089	.052	.017	.082	.047	.015	
2.0	.105	.058	.018	.101	.056	.017	.094	.052	.016	.087	.049	.015	.080	.045	.014	
3.0	.099	.053	.016	.096	.051	.015	.089	.048	.015	.084	.046	.014	.078	.043	.013	
4.0	.094	.049	.014	.091	.048	.014	.086	.045	.014	.081	.043	.013	.076	.041	.013	
5.0	.089	.046	.013	.087	.045	.013	.082	.043	.013	.078	.041	.012	.074	.039	.012	
6.0	.085	.043	.012	.083	.042	.012	.079	.040	.012	.075	.039	.011	.072	.038	.011	
7.0	.081	.040	.011	.080	.040	.011	.076	.038	.011	.073	.037	.011	.070	.036	.011	
8.0	.078	.038	.011	.076	.038	.011	.073	.037	.010	.070	.036	.010	.067	.035	.010	
9.0	.075	.036	.010	.073	.036	.010	.071	.035	.010	.068	.034	.010	.065	.033	.010	
10.0	.072	.035	.010	.071	.034	.010	.068	.033	.009	.066	.033	.009	.064	.032	.009	

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.137	.137	.137	.118	.118	.118	.080	.080	.080	.046	.046	.046	.015	.015	.015		
1.0	.122	.114	.106	.105	.098	.091	.072	.067	.063	.041	.039	.037	.013	.013	.012		
2.0	.110	.096	.084	.094	.082	.072	.065	.057	.050	.037	.033	.030	.012	.011	.010		
3.0	.100	.082	.067	.086	.071	.058	.059	.049	.041	.034	.029	.024	.011	.009	.008		
4.0	.092	.071	.055	.079	.061	.048	.054	.043	.034	.031	.025	.020	.010	.008	.007		
5.0	.085	.062	.045	.073	.054	.040	.050	.038	.028	.029	.022	.017	.009	.007	.005		
6.0	.079	.055	.038	.068	.048	.033	.047	.034	.024	.027	.020	.014	.009	.006	.005		
7.0	.074	.050	.032	.064	.043	.028	.044	.030	.020	.026	.018	.012	.008	.006	.004		
8.0	.070	.045	.028	.060	.039	.024	.042	.027	.017	.024	.016	.010	.008	.005	.003		
9.0	.066	.041	.024	.057	.036	.021	.040	.025	.015	.023	.015	.009	.007	.005	.003		
10.0	.063	.038	.021	.054	.033	.018	.038	.023	.013	.022	.014	.008	.007	.004	.003		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm										
NAME: 2318.110-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312041416		
MFR.: RISE					SUR.: 0.003737385m2			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	13.1	13.9	13.3	14.0	14.2	12.3	13.1	12.6	13.3	13.4
3H	12.9	13.7	13.2	13.9	14.1	12.2	12.9	12.4	13.1	13.3
4H	12.9	13.5	13.1	13.8	14.0	12.1	12.8	12.4	13.0	13.2
6H	12.8	13.4	13.1	13.7	13.9	12.0	12.7	12.3	12.9	13.1
8H	12.7	13.3	13.0	13.6	13.9	12.0	12.6	12.3	12.8	13.1
12H	12.7	13.3	13.0	13.5	13.8	11.9	12.5	12.2	12.8	13.1
4H 2H	12.9	13.5	13.1	13.8	14.0	12.1	12.8	12.4	13.0	13.2
3H	12.7	13.3	13.0	13.5	13.8	11.9	12.5	12.2	12.8	13.1
4H	12.6	13.1	12.9	13.4	13.7	11.8	12.4	12.2	12.7	13.0
6H	12.5	13.0	12.9	13.3	13.6	11.7	12.2	12.1	12.5	12.9
8H	12.4	12.9	12.8	13.2	13.6	11.7	12.1	12.1	12.5	12.8
12H	12.4	12.8	12.8	13.2	13.5	11.6	12.0	12.0	12.4	12.8
8H 4H	12.4	12.9	12.8	13.2	13.6	11.7	12.1	12.1	12.5	12.8
6H	12.3	12.7	12.8	13.1	13.5	11.6	11.9	12.0	12.3	12.7
8H	12.3	12.6	12.7	13.0	13.5	11.5	11.8	12.0	12.3	12.7
12H	12.2	12.5	12.7	12.9	13.4	11.5	11.7	11.9	12.2	12.6
12H 4H	12.4	12.8	12.8	13.2	13.5	11.6	12.0	12.0	12.4	12.8
6H	12.3	12.6	12.7	13.0	13.5	11.5	11.8	12.0	12.3	12.7
8H	12.2	12.5	12.7	12.9	13.4	11.5	11.7	11.9	12.2	12.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.9 / -14.6					+ 3.6 / -14.9				
1.5H	+ 6.3 / -11.0					+ 6.0 / -10.4				
2.0H	+ 7.2 / -10.8					+ 6.9 / -10.2				

CIE Pub.117, 1345 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.0)
Area: 0.00373738 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

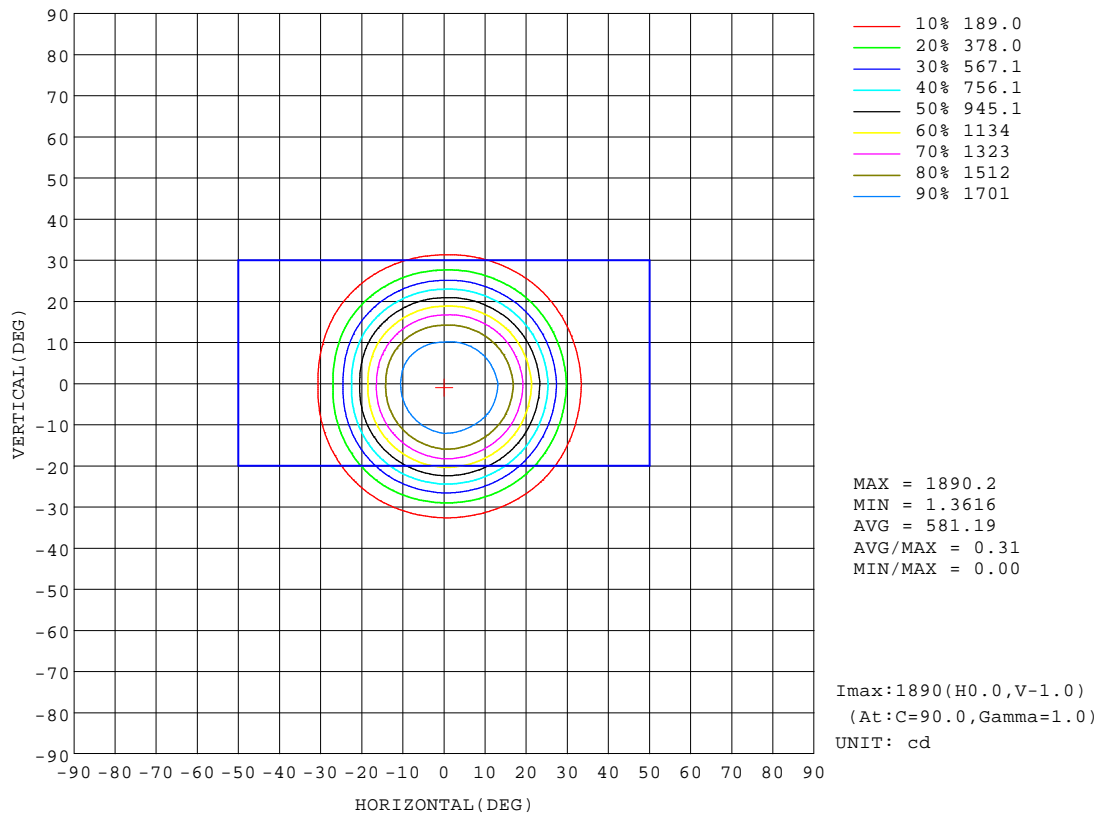
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	65	61	59	65	61	59	64	61	59	56
0.80	70	67	64	70	66	64	69	66	64	61
1.00	73	70	67	73	69	67	72	69	67	64
1.25	76	72	70	75	72	70	74	71	69	67
1.50	78	75	72	77	74	72	75	73	71	68
2.00	79	76	74	78	76	74	76	74	73	69
2.50	80	78	76	79	77	75	77	75	74	70
3.00	81	79	77	80	78	76	78	76	75	70
4.00	83	81	79	81	80	78	79	77	76	71
5.00	83	82	81	82	81	80	79	78	77	72
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

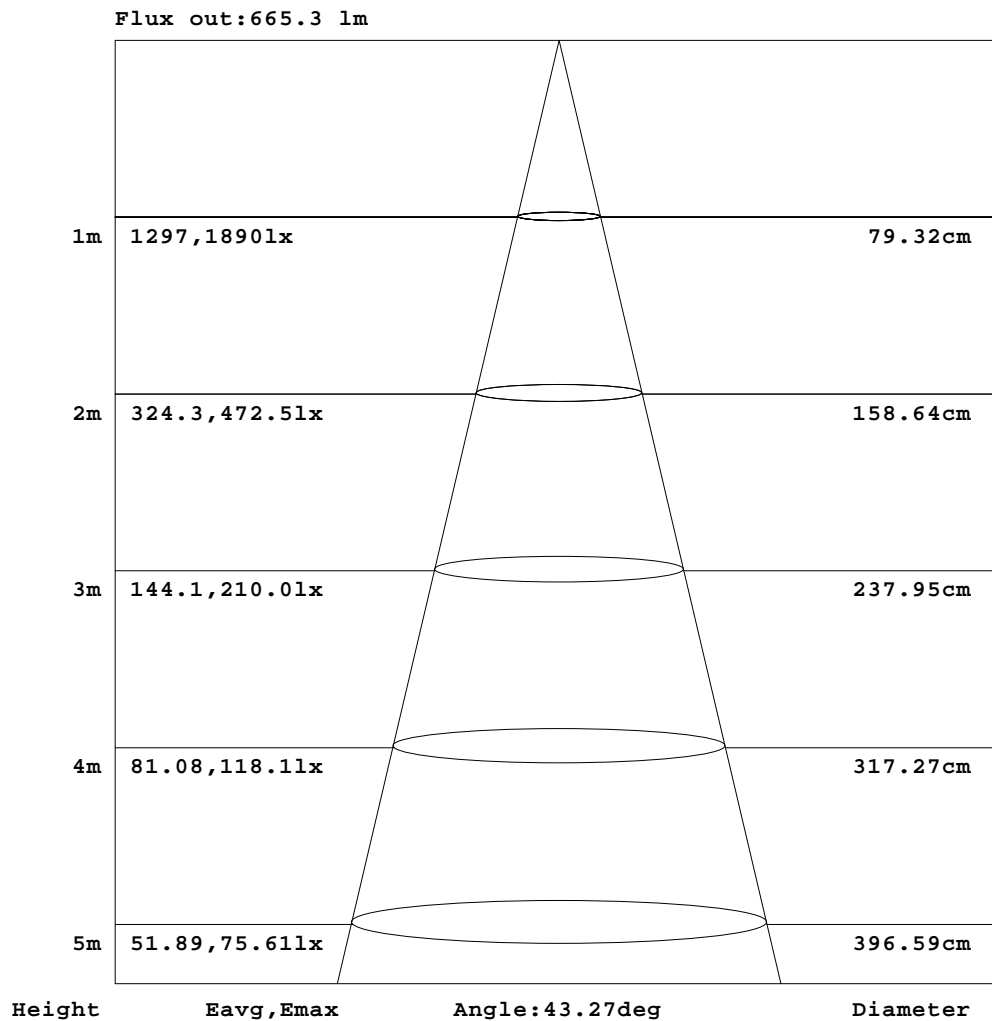


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

AAI Figure

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45lx 1m		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:



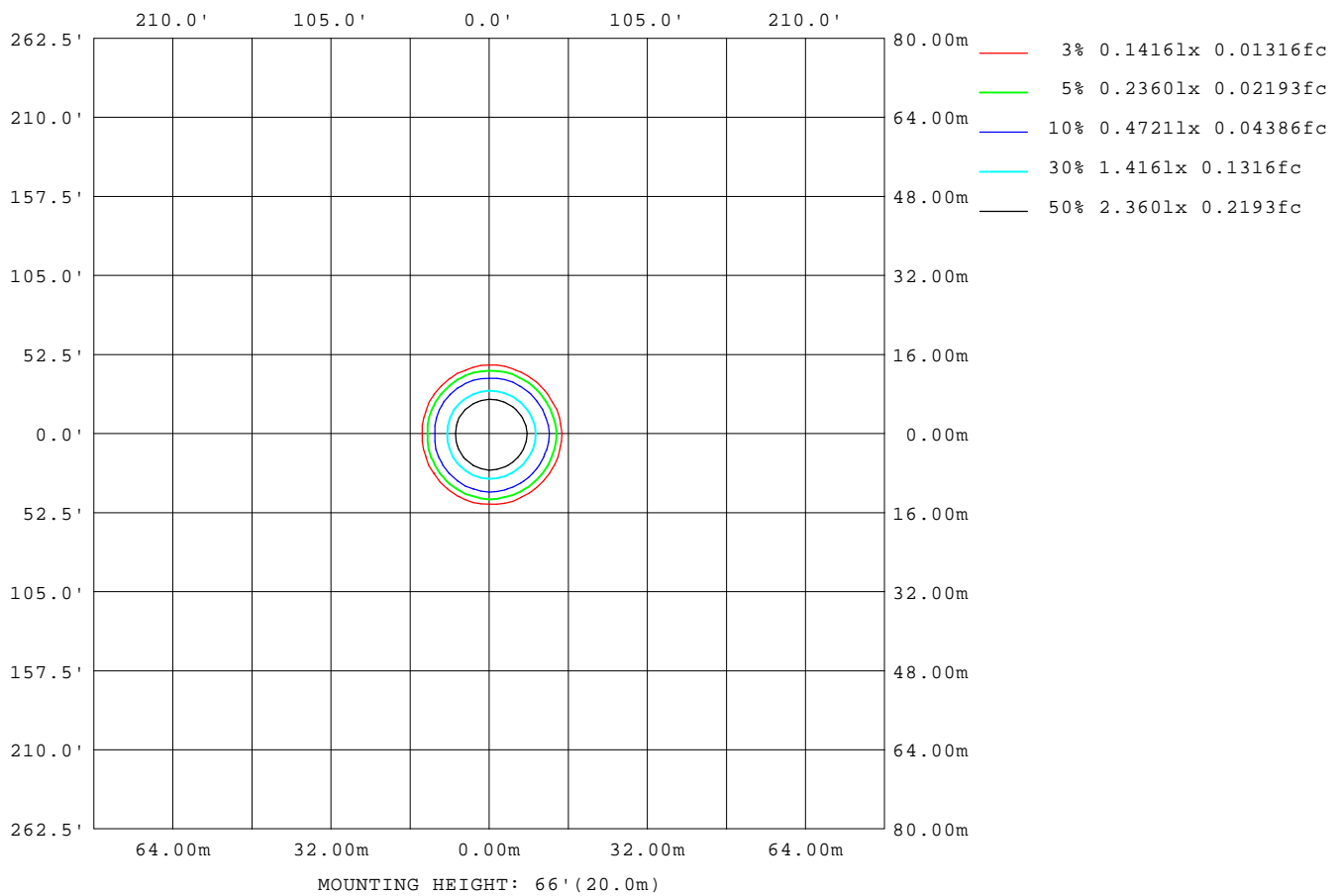
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

LED Avg.L Report

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

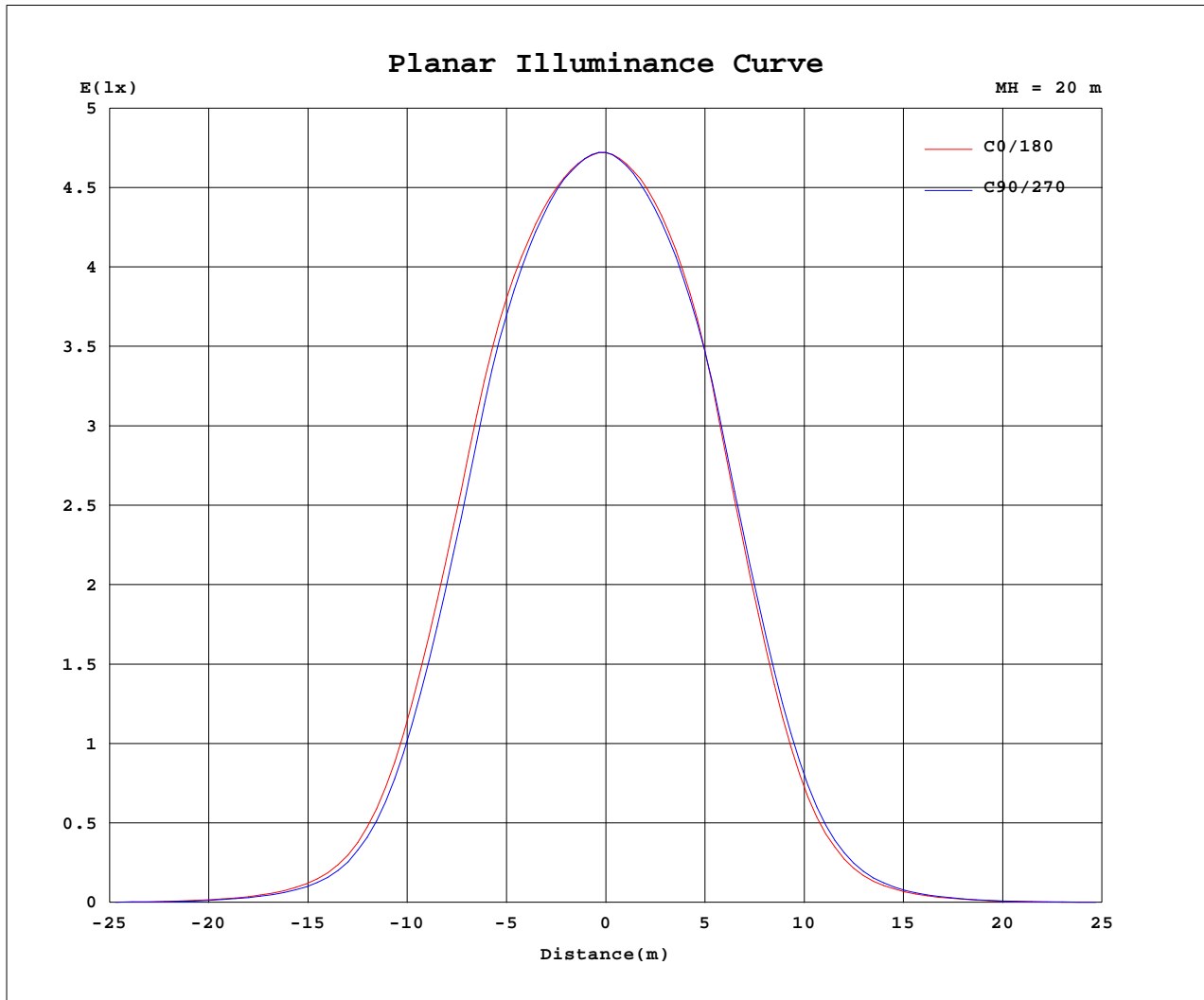
AvgL	cd/m2
L_0~180(65)av	258
L_0~180(75)av	76
L_0~180(85)av	93
L_90~270(65)av	247
L_90~270(75)av	49
L_90~270(85)av	90
L_45(65)av	241
L_45(75)av	71
L_45(85)av	99

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
LENS:PM-1082B 36R
DRIVER:IT FIT 20/220-240/500 CS 350mA
30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators: zoe
 Test Date: 2023-12-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra:90
 LENS: PM-1082B 36R
 DRIVER: IT FIT 20/220-240/500 CS 350mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.24V I:0.0647A P:13.846W PF:0.9694 Freq:49.99Hz Lamp Flux:1345.45x1 lm		
NAME: 2318.110-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312041416
MFR.: RISE	SUR.: 0.003737385m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889						
5	1866	1866	1861	1862	1851	1847	1844	1840	1838	1830	1847	1858						
10	1789	1788	1771	1768	1746	1728	1721	1721	1709	1703	1731	1763						
15	1622	1612	1584	1570	1529	1487	1448	1456	1452	1455	1504	1568						
20	1253	1236	1192	1169	1110	1051	990	1020	1013	1023	1083	1175						
25	786	757	726	707	661	593	526	562	559	572	621	703						
30	364	345	330	316	292	248	216	233	233	241	265	310						
35	137	131	122	116	105	88.7	78.3	87.4	86.3	90.9	98.0	113						
40	53.6	51.9	47.7	45.0	39.9	33.9	30.5	32.2	32.7	34.6	38.3	43.2						
45	20.2	20.6	17.9	16.5	14.2	9.58	9.57	9.78	10.0	11.6	13.8	16.3						
50	6.76	6.80	6.04	5.85	5.22	2.45	4.10	4.22	4.24	4.66	5.34	6.13						
55	3.16	3.18	3.00	2.75	2.44	1.05	1.91	1.80	1.89	2.00	2.50	2.93						
60	1.04	1.10	1.04	0.95	0.83	0.37	0.72	0.66	0.67	0.71	0.79	0.94						
65	0.47	0.52	0.49	0.45	0.40	0.21	0.34	0.31	0.31	0.33	0.37	0.45						
70	0.21	0.22	0.21	0.17	0.06	0.15	0.15	0.13	0.13	0.14	0.15	0.22						
75	0.09	0.09	0.08	0.04	0.04	0.06	0.06	0.05	0.05	0.05	0.06	0.11						
80	0.05	0.04	0.05	0.03	0.04	0.05	0.04	0.04	0.03	0.04	0.04	0.09						
85	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.03	0.02	0.08						
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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Operators:zoe
Test Date:2023-12-4

γ Range: 0 - 180DEG
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